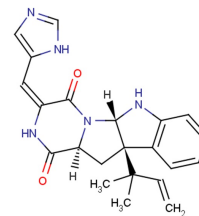


## Roquefortine C

## Chemical Properties

CAS No.:	58735-64-1
Formula:	C <sub>22</sub> H <sub>23</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	389.45
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Roquefortine C is a fungal cyclopeptide isolated from <i>Penicillium roquefortii</i> , activates P-gp and also inhibits P450-3A and other haemoproteins
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.568 mL	12.839 mL	25.677 mL
5 mM	0.514 mL	2.568 mL	5.135 mL
10 mM	0.257 mL	1.284 mL	2.568 mL
50 mM	0.051 mL	0.257 mL	0.514 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. García-Rico RO, et al. Effect of a heterotrimeric G protein alpha subunit on conidia germination, stress response, and roquefortine C production in *Penicillium roquefortii*. Food Addit Contam. 2005 Apr;22(4):361-8.

Inhibitors · Natural Compounds · Compound Libraries

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